1: X53097. Mouse mRNA for va...[gi:52368]

Links

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LOCUS       MMIGMSMJ                 366 bp    mRNA    linear   ROD 25-FEB-2003
DEFINITION  Mouse mRNA for variable region of IgM heavy immunoglobulin chain.
ACCESSION   X53097
VERSION     X53097.1  GI:52368
KEYWORDS    autoantibody; Ig heavy chain; variable region.
SOURCE      Mus musculus (house mouse)
  ORGANISM  Mus musculus
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE   1  (bases 21 to 366)
  AUTHORS   Hayakawa,K., Carmack,C.E., Hyman,R. and Hardy,R.R.
  TITLE     Natural autoantibodies to thymocytes: origin, VH genes, fine
            specificities, and the role of Thy-1 glycoprotein
  JOURNAL   J. Exp. Med. 172 (3), 869-878 (1990)
  MEDLINE   90354788
   PUBMED   1974916
REFERENCE   2  (bases 1 to 366)
  AUTHORS   Carmarck,C.E.
  TITLE     Direct Submission
  JOURNAL   Submitted (16-MAY-1990) Carmack C.E., Medical Biology Institute,
            11077 North Torrey Pines Road, La Jolla California 92037 USA
FEATURES             Location/Qualifiers
     source          1..366
                     /organism="Mus musculus"
                     /mol_type="mRNA"
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                     /note="leader (7 AA)"
     V_region        1..366
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     misc_feature    22..108
                     /note="framework 1 (29 AA)"
     misc_feature    109..132
                     /note="CDR1 (8 AA)"
     misc_feature    133..174
                     /note="framework 2 (14 AA)"
     misc_feature    175..222
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                     /note="framework 3 (32 AA)"
     D_segment       319..336
                     /note="CDR3 or D segment (6 AA)"
     J_segment       337..366
                     /note="joining (2) region (10 AA)"
BASE COUNT       85 a     98 c     93 g     90 t
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       61 ccctcccaga ccctcagtct gacttgttct ttctctgggt tttcactgag cacttctggt
      121 atgggtgtga gctggattcg tcagccttca ggaaagggtc tggagtggct ggcacacatt
      181 tactgggatg atgacaagcg ctataaccca tccctgaaga gccggctcac aatctccaag
      241 gatacctcca gaaaccaggt attcctcaag atcaccagtg tggacactgc agatactgcc
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      361 accact
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